

REMARKS

In response to the Office Action mailed June 15, 2004, Applicants respectfully request reconsideration. Claims 1-10 were previously pending in this application. By this amendment, Applicants are canceling claim 1 without prejudice or disclaimer. Claims 2-10 have been amended, and claims 11-37 have been added. As a result, claims 2-37 are pending for examination with claims 2, 9, 11, 21, and 25 being independent claims. No new matter has been added.

Allowable Subject Matter

The Office Action states that claims 2-10 would allowable if rewritten to overcome the rejections under 35 U.S.C. §112, second paragraph, set forth in the Office Action and to include all of the limitations of the base and intervening claims.

Applicants note with appreciation the Examiner's allowance of this subject matter and have amended these claims to overcome the rejections under 35 U.S.C. §112, second paragraph, set forth in the Office Action.

Claims 2-10 should now be in allowable condition.

Objections to the Drawings

The Office Action objected to drawing in Fig. 1 on the basis that block 30 requires a text label. Accordingly, Fig. 1 has been amended with a text label "CONTROL BLOCK" for block 30, as supported by the specification. (page 6, line 23). Review and approval of the proposed drawing correction is respectfully requested.

Accordingly, withdrawal of this objection is respectfully requested.

Objections to the Specification

The Office Action objected to the specification because of the following informalities.

On page 3, line 26, the Office Action notes that the word "of" should be inserted after the word "deactivation". The specification, as amended, addresses this grammatical objection.

On page 6, lines 3-4, the Office Action notes that the base of transistor 2 is connected to the emitter of transistor 3, not the other way around. The specification, as amended, resolves this objection.

On page 10, line 4, the Office Action asserts that “switch” should be changed to “circuit breaker” for purposes of consistency. The specification, as amended, incorporates the suggestion.

Accordingly, withdrawal of these objections is respectfully requested.

New Claims

Applicants have added new claims 11-37 to the application to further define Applicants' contribution to the art. None of the art of record teaches or suggests the combination of limitations defined in independent claims 11, 21, and 25. The new dependent claims 12-20, 22-24, and 26-37, are allowable for at least the same reasons as the independent claims from which they depend.

CONCLUSION

A Notice of Allowance is respectfully requested. The Examiner is requested to call the undersigned at the telephone number listed below if this communication does not place the case in condition for allowance.

If this response is not considered timely filed and if a request for an extension of time is otherwise absent, Applicant hereby requests any necessary extension of time. If there is a fee occasioned by this response, including an extension fee, that is not covered by an enclosed check, please charge any deficiency to Deposit Account No. 23/2825.

Respectfully submitted,

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Date: November 15, 2004
x09/15/04x

In the Drawings

“Replacement Sheet” is attached which includes a clean version of amended Fig. 1. The attached sheet replaces the original sheet including Fig. 1.

“Annotated Sheet Showing Changes” is also attached which includes a marked-up version of Figure 1.

Figure 1 was amended based on the objection by the Office Action that block 30 needs a text label. To address this objection, “CONTROL BLOCK” was added as a text label for block 30.



1/2

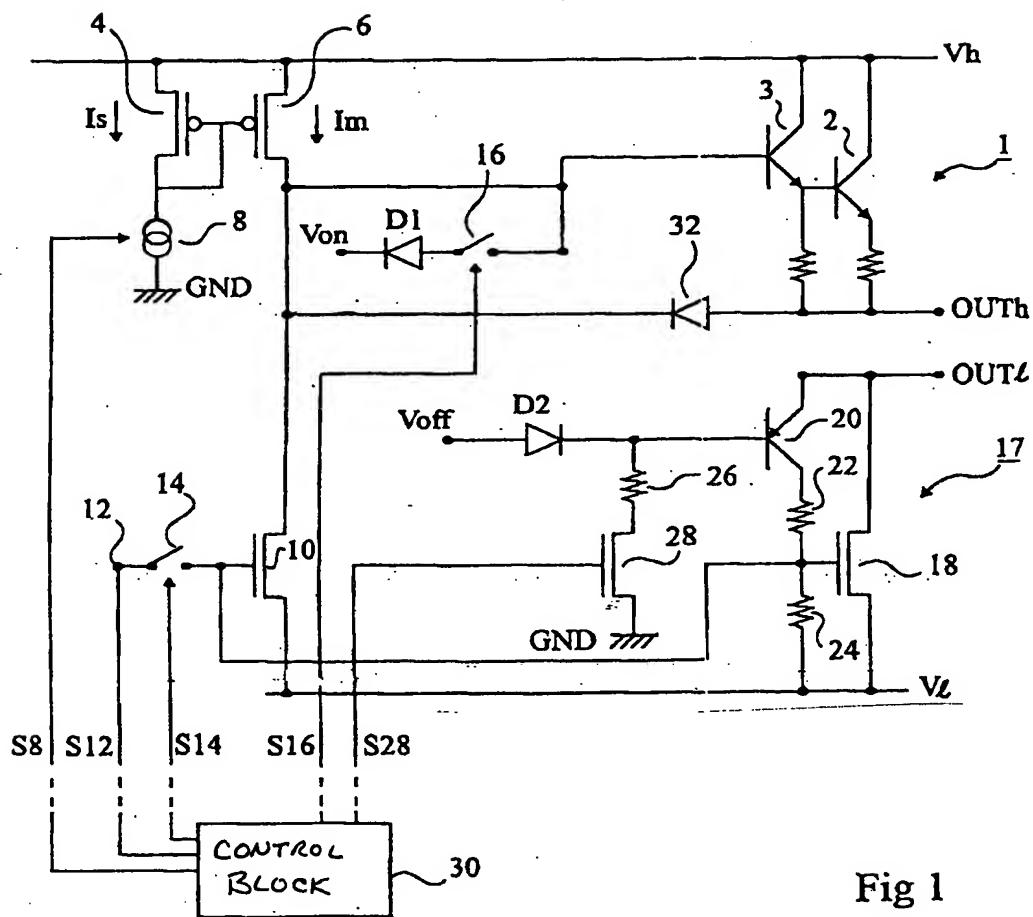


Fig 1